

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042121\
 Data File : BM029591.D
 Acq On : 22 Apr 2021 06:18
 Operator : CG/JU
 Sample : M2095-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-1

Quant Time: Apr 22 06:56:50 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 21 15:14:18 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

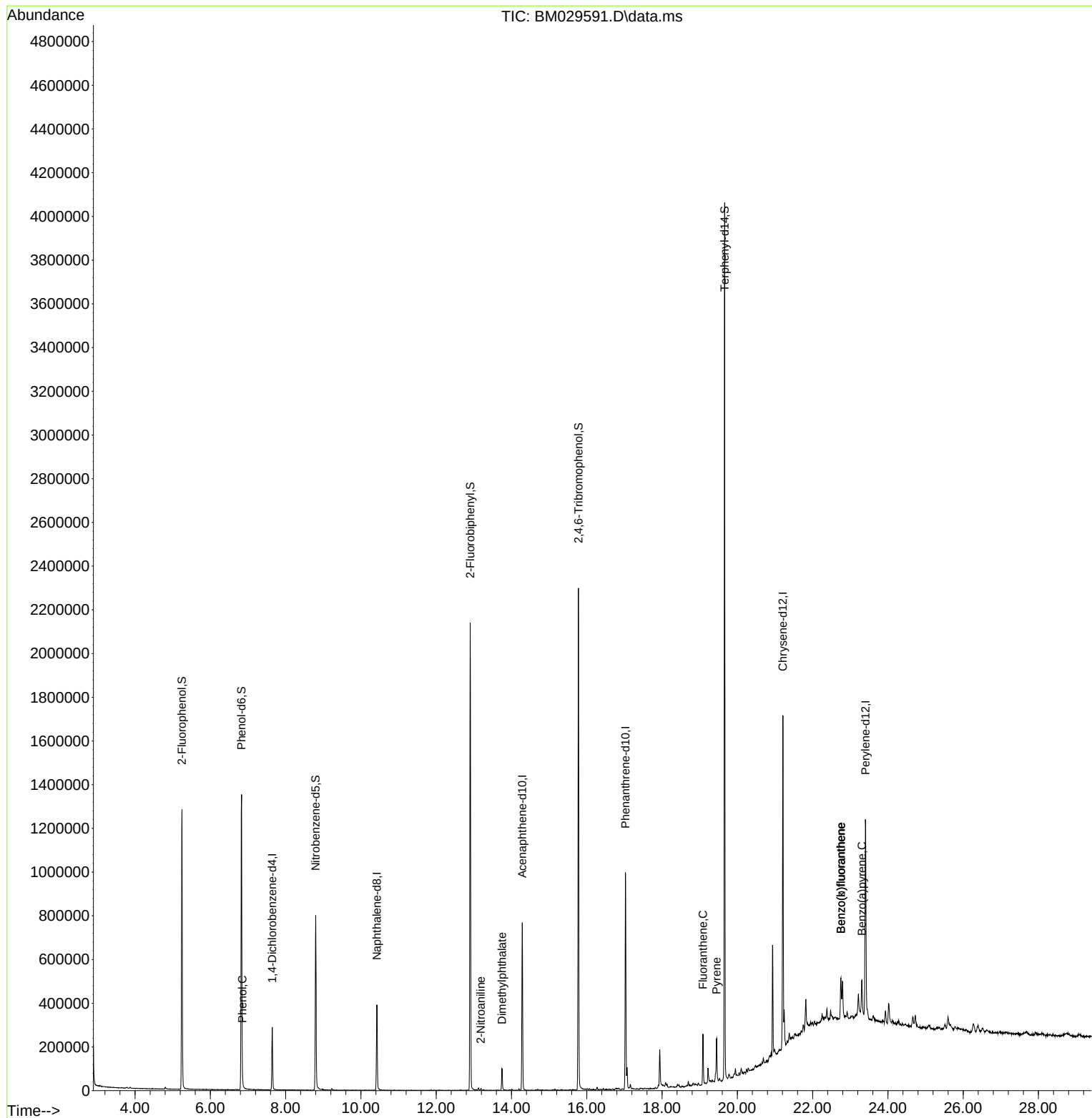
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	76998	20.00	ng	0.00
21) Naphthalene-d8	10.422	136	319496	20.00	ng	0.00
39) Acenaphthene-d10	14.286	164	247719	20.00	ng	0.00
64) Phenanthrene-d10	17.027	188	580316	20.00	ng	0.00
76) Chrysene-d12	21.209	240	672082	20.00	ng	0.00
86) Perylene-d12	23.403	264	628733	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	502133	130.74	ng	0.00
7) Phenol-d6	6.828	99	697241	121.55	ng	0.00
23) Nitrobenzene-d5	8.798	82	461410	74.38	ng	0.00
42) 2,4,6-Tribromophenol	15.780	330	390405	113.96	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	1074493	58.87	ng	0.00
79) Terphenyl-d14	19.662	244	1652315	46.61	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.851	94	11366	2.04	ng	# 76
48) 2-Nitroaniline	13.186	65	58	2.87	ng	# 4
50) Dimethylphthalate	13.751	163	67280	3.59	ng	98
75) Fluoranthene	19.086	202	134729	3.32	ng	98
78) Pyrene	19.451	202	124730	2.88	ng	98
88) Benzo(b)fluoranthene	22.750	252	153078	3.73	ng	96
89) Benzo(k)fluoranthene	22.750	252	153078	3.73	ng	# 96
90) Benzo(a)pyrene	23.309	252	80929	2.10	ng	# 96

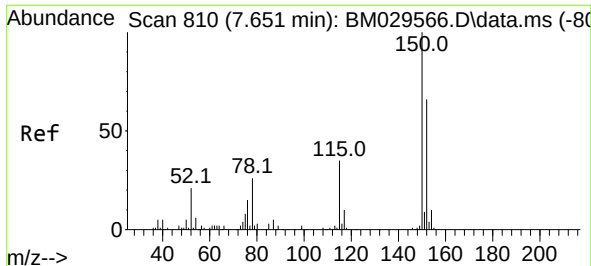
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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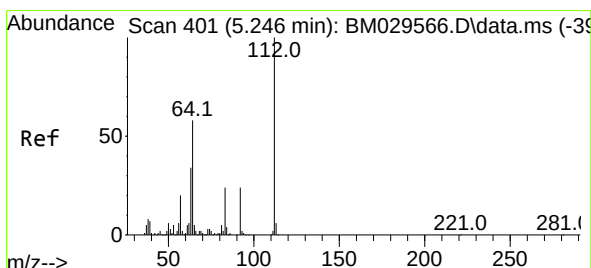
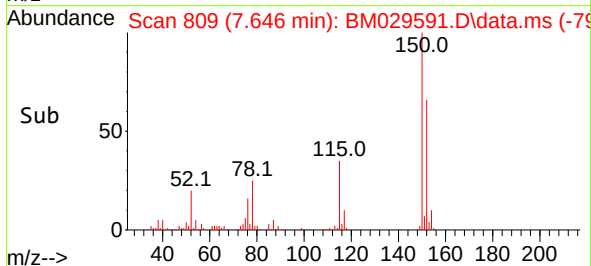
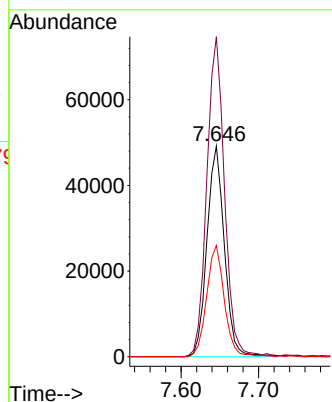
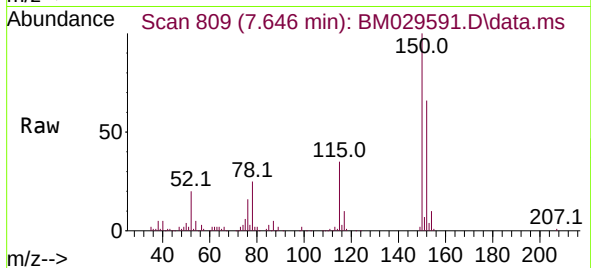




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.646 min Scan# 809
Delta R.T. -0.005 min
Lab File: BM029591.D
Acq: 22 Apr 2021 06:18

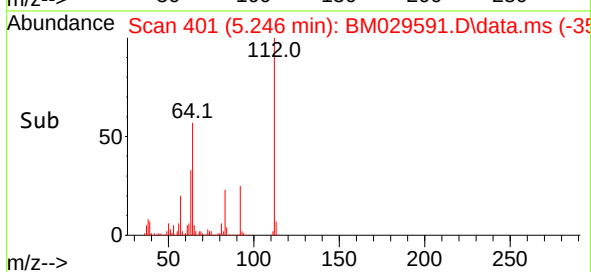
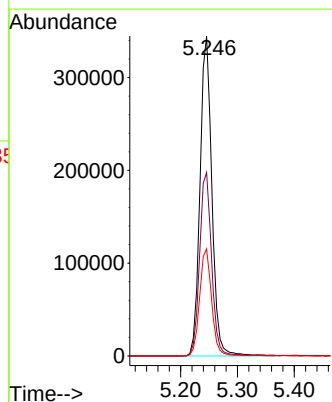
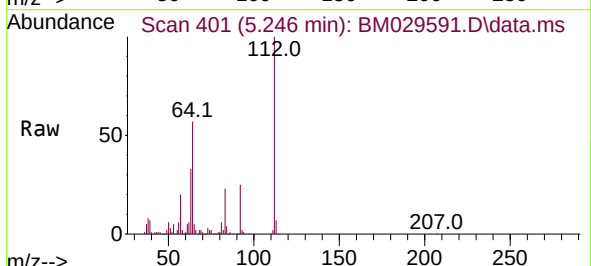
Instrument :
BNA_M
ClientSampleId :
WC-1

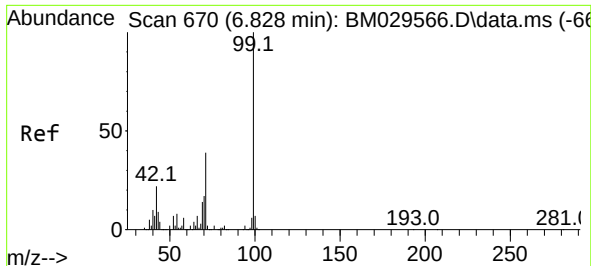
Tgt Ion:152 Resp: 76998
Ion Ratio Lower Upper
152 100
150 152.0 125.9 188.9
115 52.8 44.6 67.0



#5
2-Fluorophenol
Concen: 130.74 ng
RT: 5.246 min Scan# 401
Delta R.T. 0.000 min
Lab File: BM029591.D
Acq: 22 Apr 2021 06:18

Tgt Ion:112 Resp: 502133
Ion Ratio Lower Upper
112 100
64 57.4 47.1 70.7
63 33.4 27.3 40.9

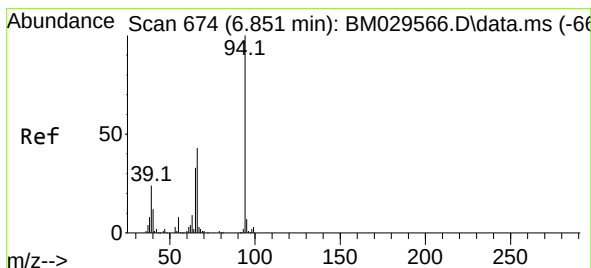
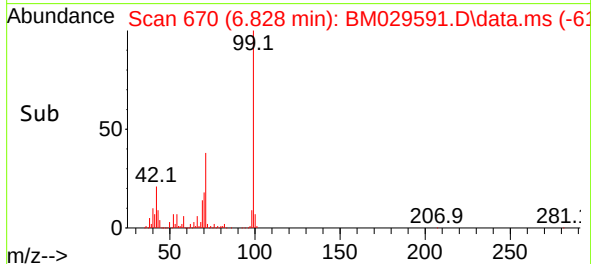
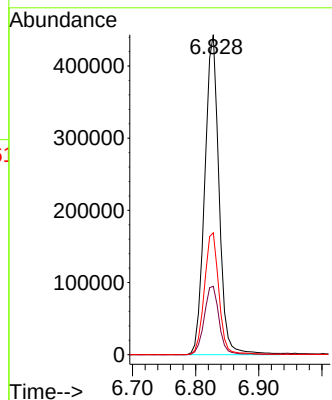
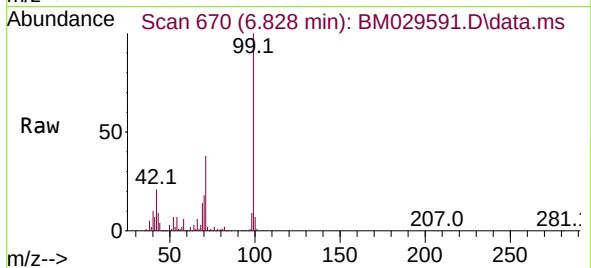




#7
Phenol-d6
Concen: 121.55 ng
RT: 6.828 min Scan# 670
Delta R.T. 0.000 min
Lab File: BM029591.D
Acq: 22 Apr 2021 06:18

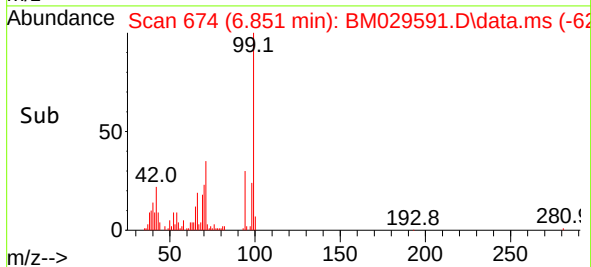
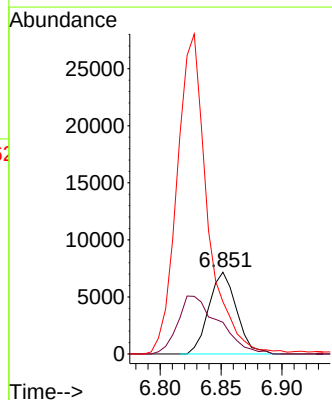
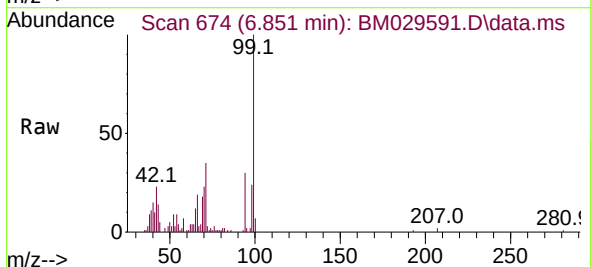
Instrument :
BNA_M
ClientSampleId :
WC-1

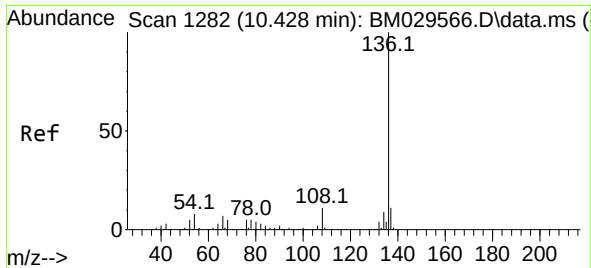
Tgt Ion: 99 Resp: 697241
Ion Ratio Lower Upper
99 100
42 21.4 18.0 27.0
71 38.1 30.9 46.3



#10
Phenol
Concen: 2.04 ng
RT: 6.851 min Scan# 674
Delta R.T. 0.000 min
Lab File: BM029591.D
Acq: 22 Apr 2021 06:18

Tgt Ion: 94 Resp: 11366
Ion Ratio Lower Upper
94 100
65 38.7 11.9 51.9
66 63.8 22.6 62.6#

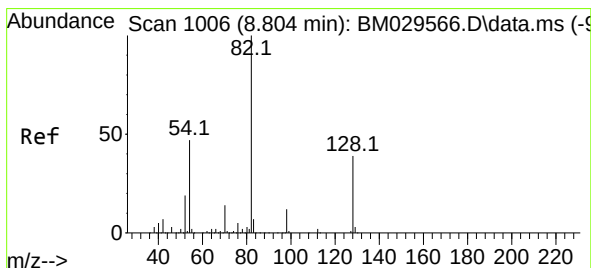
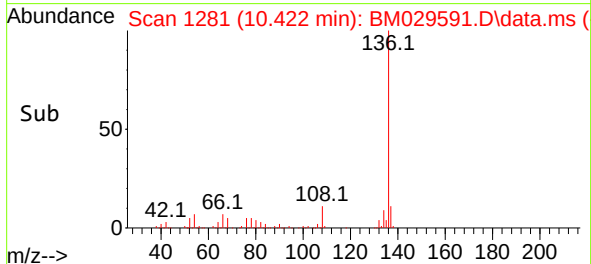
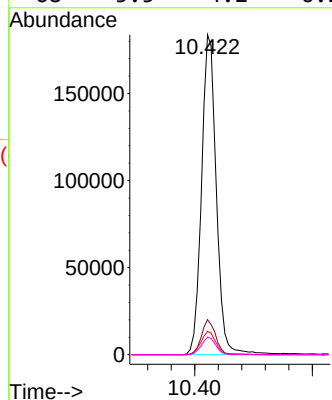
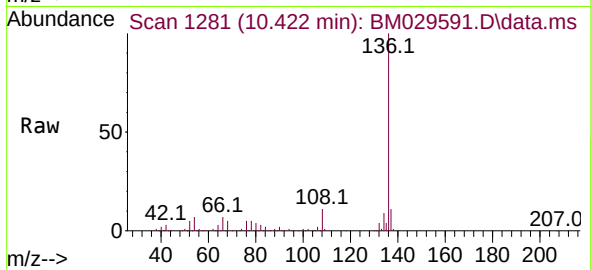




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.422 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM029591.D
Acq: 22 Apr 2021 06:18

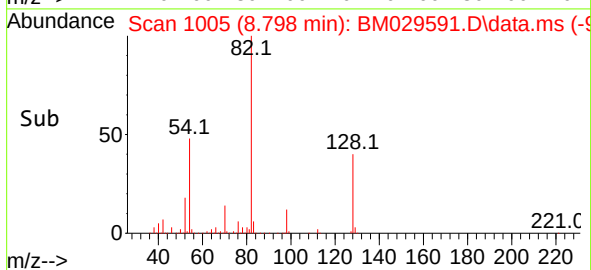
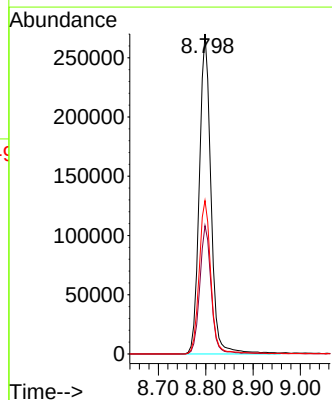
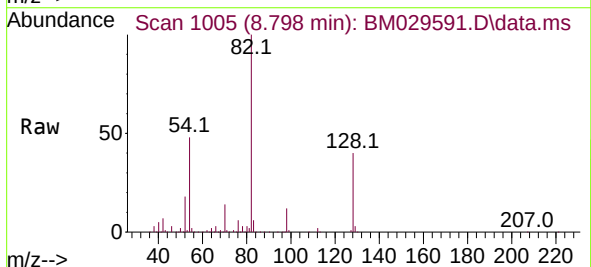
Instrument :
BNA_M
ClientSampleId :
WC-1

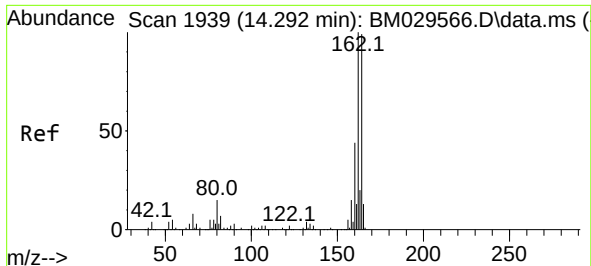
Tgt Ion:	136	Resp:	319496
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	7.3	5.5	8.3
68	5.5	4.2	6.2



#23
Nitrobenzene-d5
Concen: 74.38 ng
RT: 8.798 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM029591.D
Acq: 22 Apr 2021 06:18

Tgt Ion:	82	Resp:	461410
Ion	Ratio	Lower	Upper
82	100		
128	40.1	31.1	46.7
54	48.0	37.3	55.9

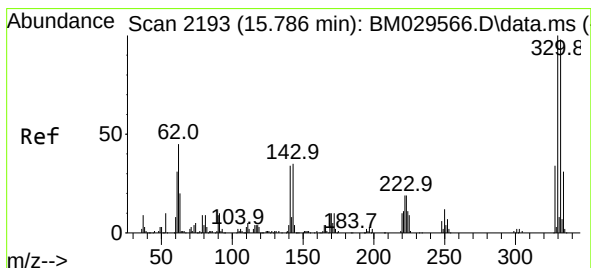
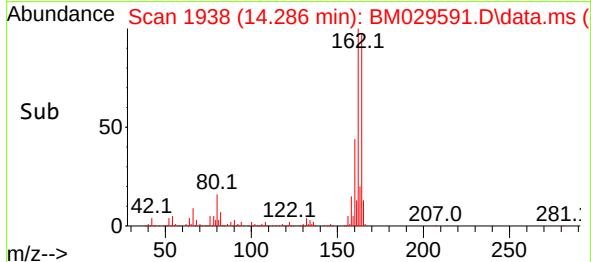
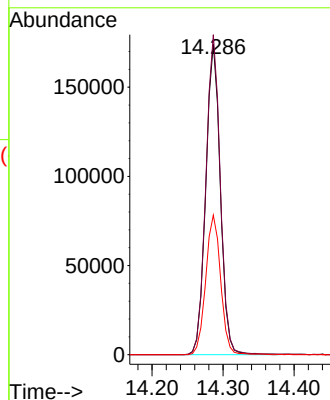
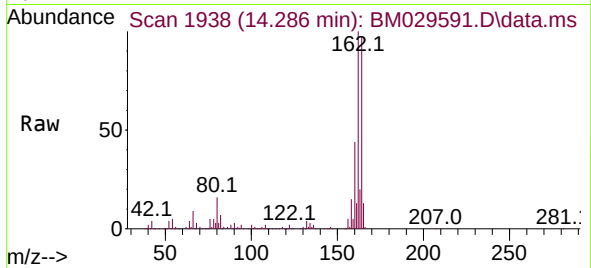




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.286 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM029591.D
Acq: 22 Apr 2021 06:18

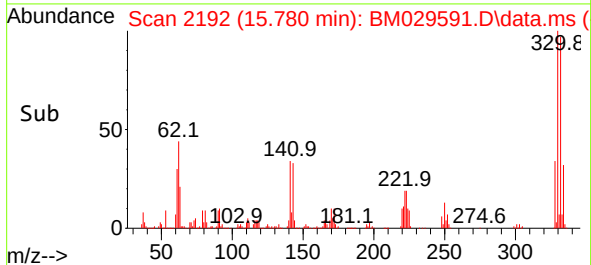
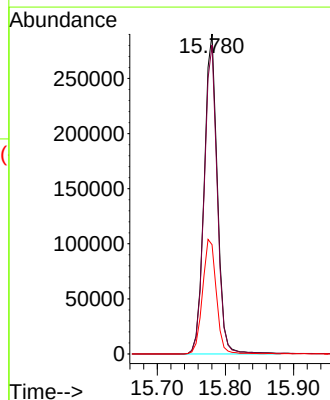
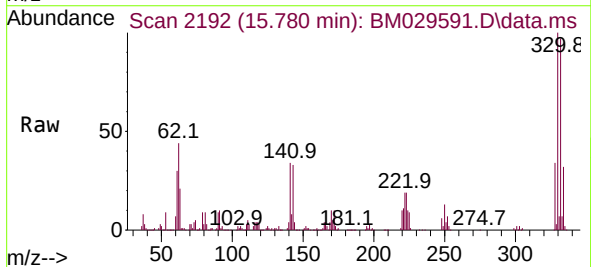
Instrument :
BNA_M
ClientSampled :
WC-1

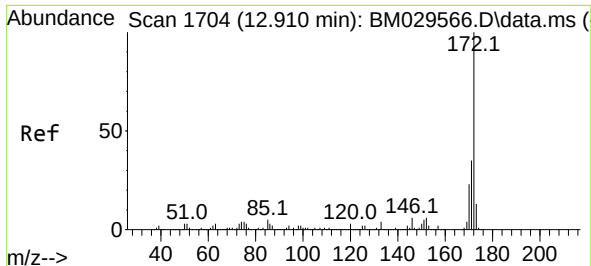
Tgt Ion:164 Resp: 247719
Ion Ratio Lower Upper
164 100
162 102.9 83.4 125.0
160 44.9 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 113.96 ng
RT: 15.780 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BM029591.D
Acq: 22 Apr 2021 06:18

Tgt Ion:330 Resp: 390405
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 37.4 30.2 45.2

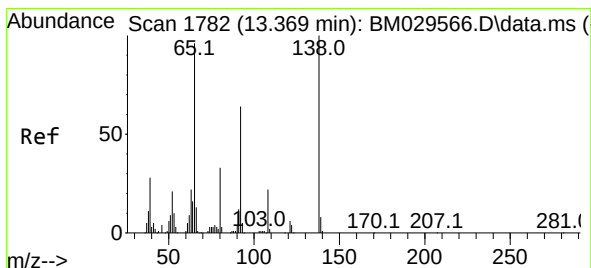
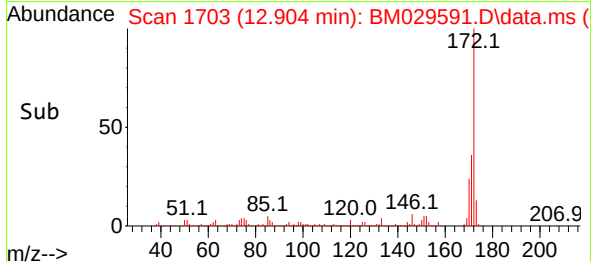
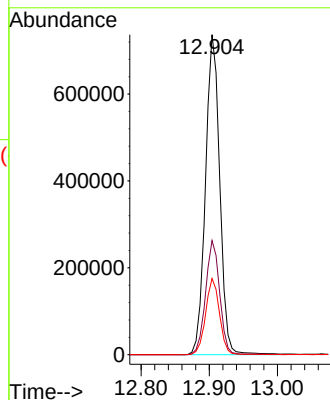
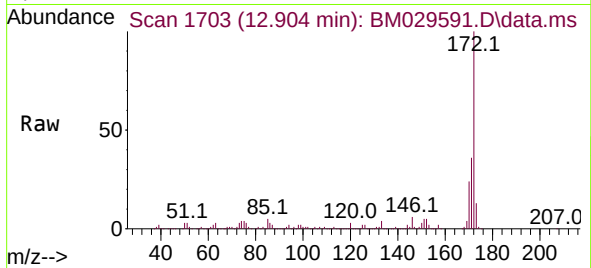




#45
2-Fluorobiphenyl
Concen: 58.87 ng
RT: 12.904 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM029591.D
Acq: 22 Apr 2021 06:18

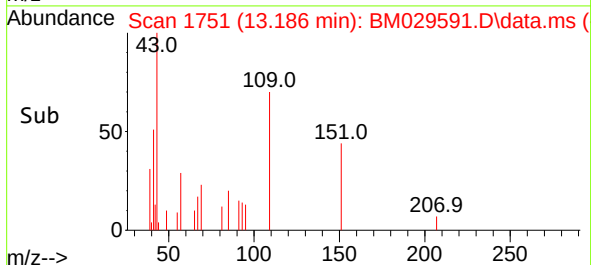
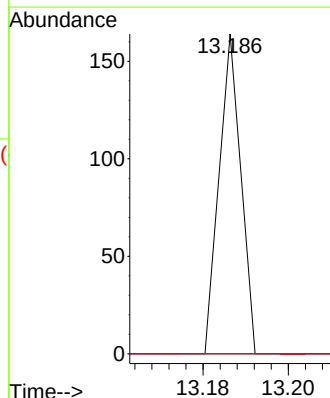
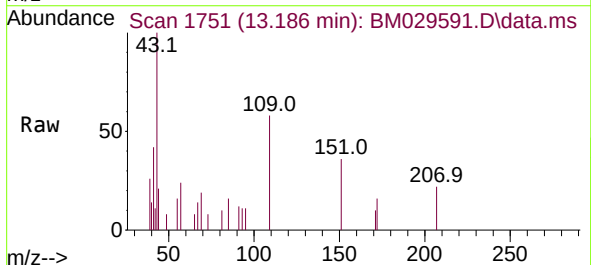
Instrument :
BNA_M
ClientSampleId :
WC-1

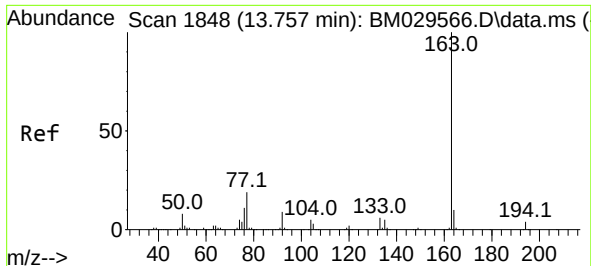
Tgt Ion:172 Resp: 1074493
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.8 18.4 27.6



#48
2-Nitroaniline
Concen: 2.87 ng
RT: 13.186 min Scan# 1751
Delta R.T. -0.183 min
Lab File: BM029591.D
Acq: 22 Apr 2021 06:18

Tgt Ion: 65 Resp: 58
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#

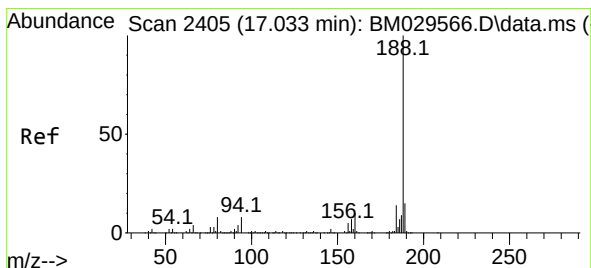
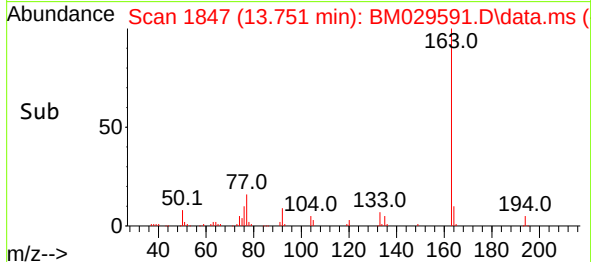
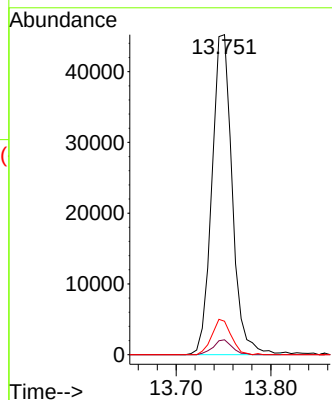
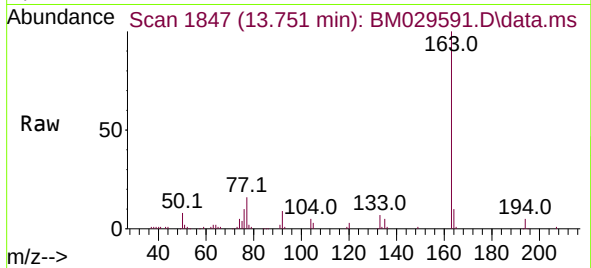




#50
Dimethylphthalate
Concen: 3.59 ng
RT: 13.751 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BM029591.D
Acq: 22 Apr 2021 06:18

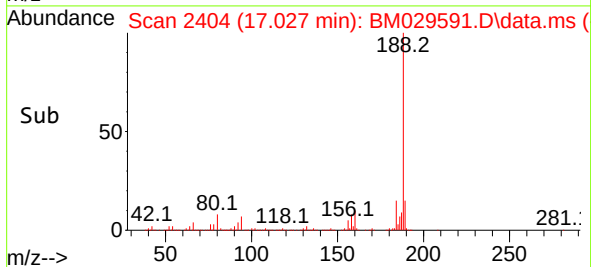
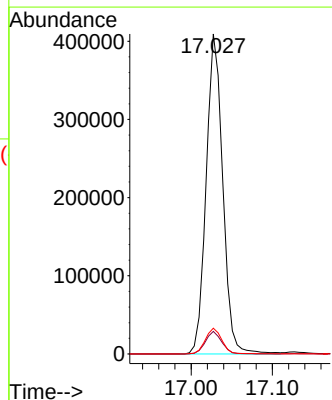
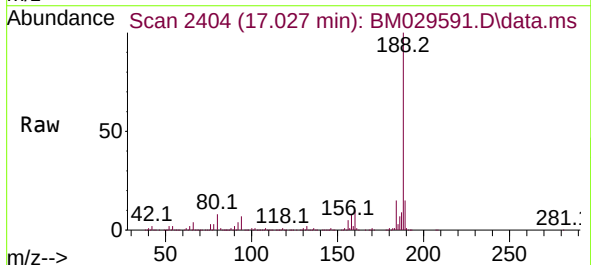
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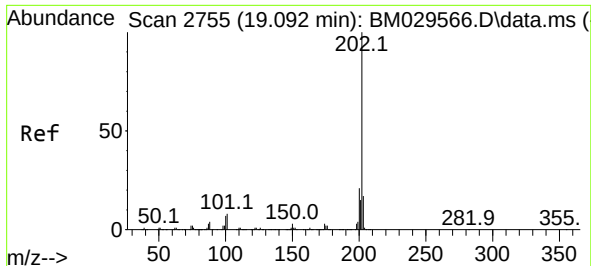
Tgt Ion:163 Resp: 67280
Ion Ratio Lower Upper
163 100
194 4.6 3.3 4.9
164 10.5 7.9 11.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.027 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM029591.D
Acq: 22 Apr 2021 06:18

Tgt Ion:188 Resp: 580316
Ion Ratio Lower Upper
188 100
94 7.1 6.0 9.0
80 8.0 6.6 9.8

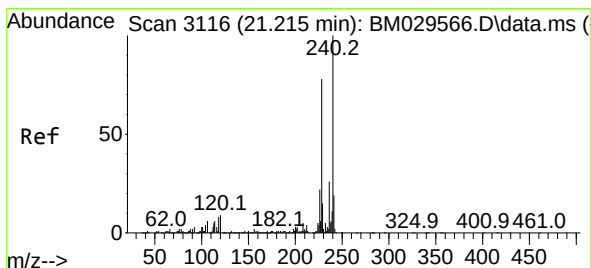
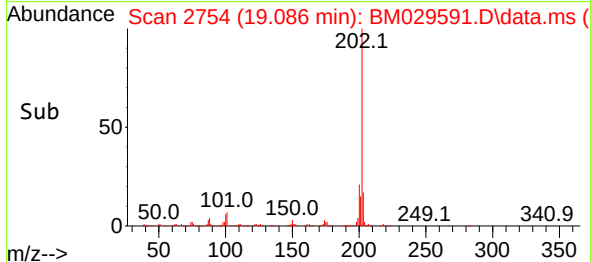
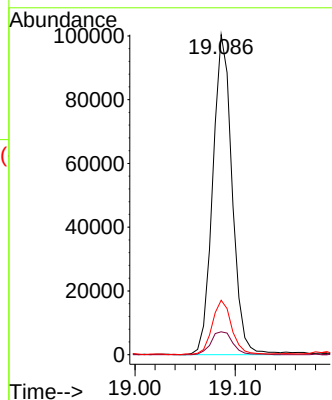
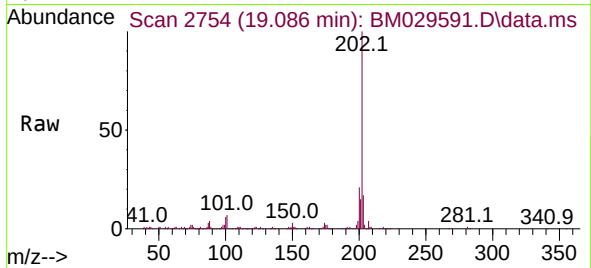




#75
Fluoranthene
Concen: 3.32 ng
RT: 19.086 min Scan# 2754
Delta R.T. -0.006 min
Lab File: BM029591.D
Acq: 22 Apr 2021 06:18

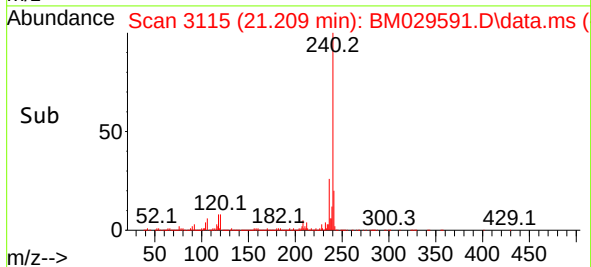
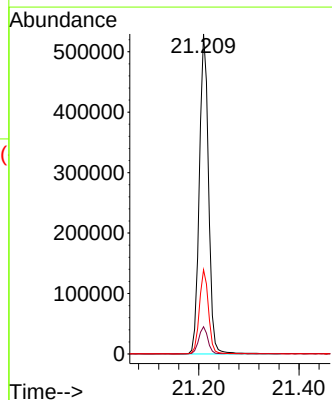
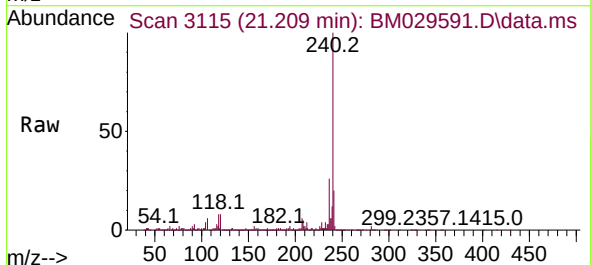
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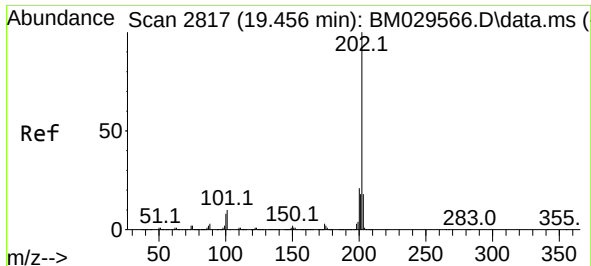
Tgt Ion:202 Resp: 134729
Ion Ratio Lower Upper
202 100
101 7.1 0.0 28.6
203 17.0 0.0 37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.209 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM029591.D
Acq: 22 Apr 2021 06:18

Tgt Ion:240 Resp: 672082
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 26.3 21.0 31.4

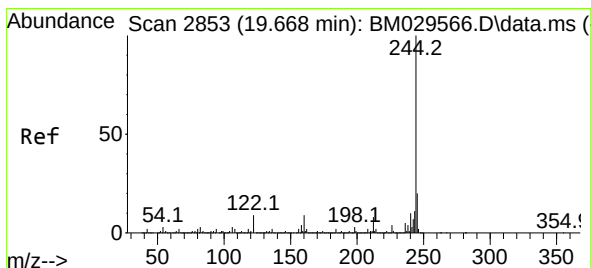
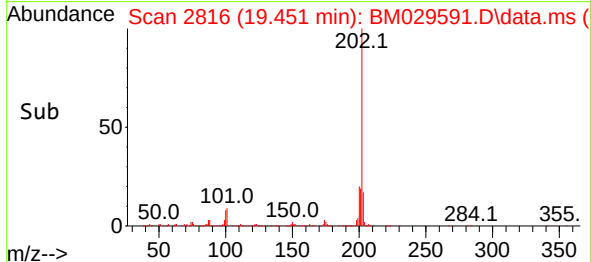
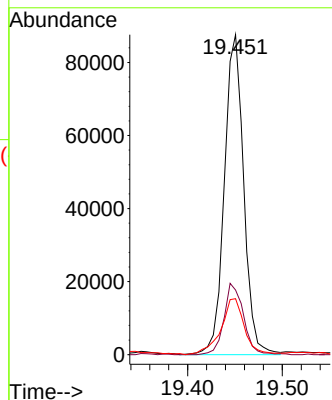
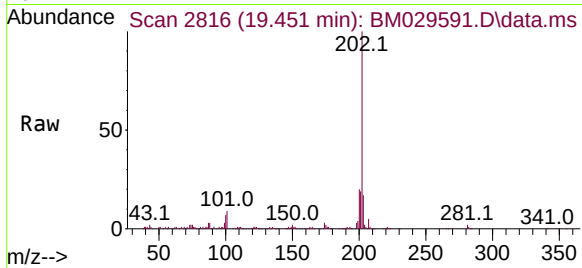




#78
Pyrene
Concen: 2.88 ng
RT: 19.451 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BM029591.D
Acq: 22 Apr 2021 06:18

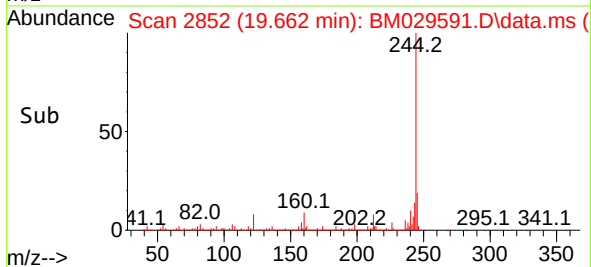
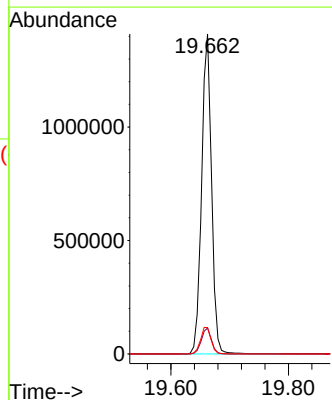
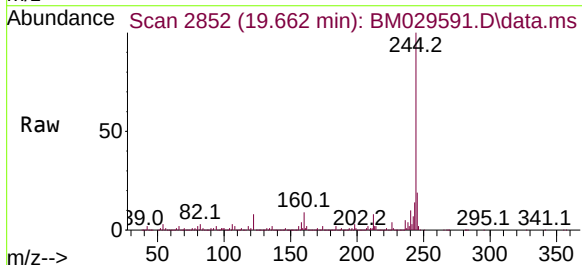
Instrument :
BNA_M
ClientSampleId :
WC-1

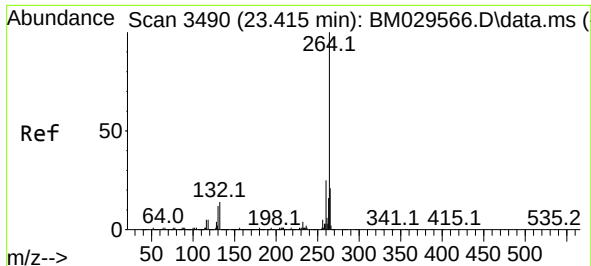
Tgt Ion:202 Resp: 124730
Ion Ratio Lower Upper
202 100
200 20.2 17.3 25.9
203 17.5 13.9 20.9



#79
Terphenyl-d14
Concen: 46.61 ng
RT: 19.662 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BM029591.D
Acq: 22 Apr 2021 06:18

Tgt Ion:244 Resp: 1652315
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 8.2 6.9 10.3

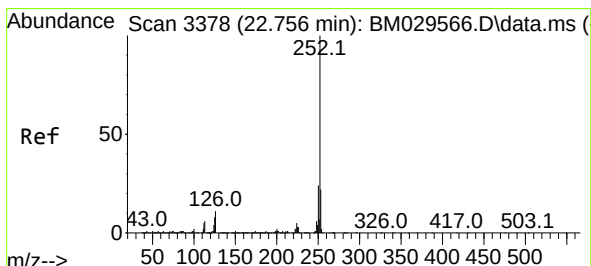
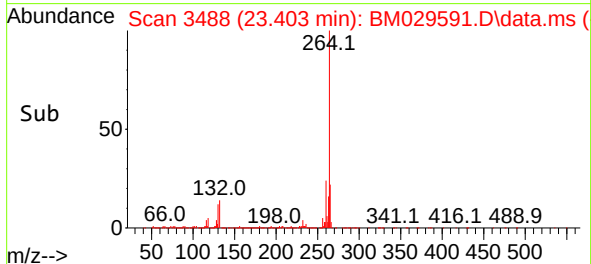
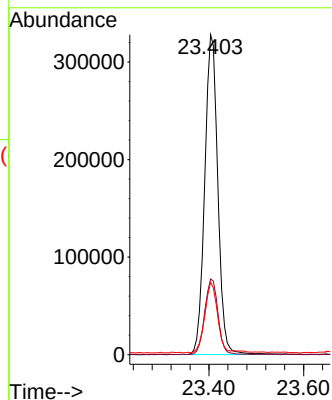
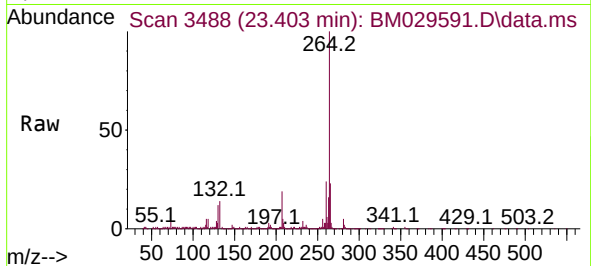




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.403 min Scan# 3488
Delta R.T. -0.012 min
Lab File: BM029591.D
Acq: 22 Apr 2021 06:18

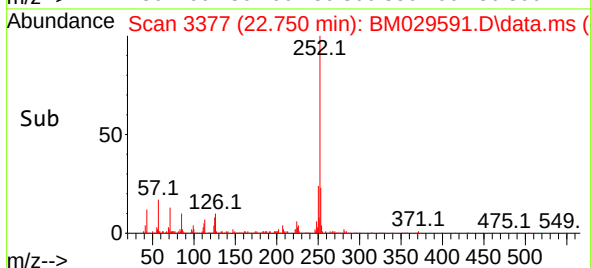
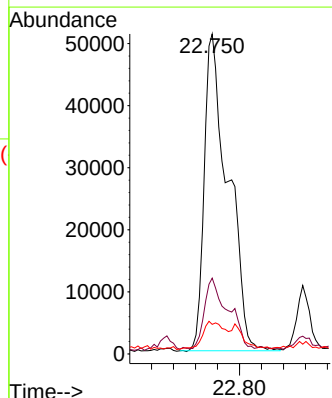
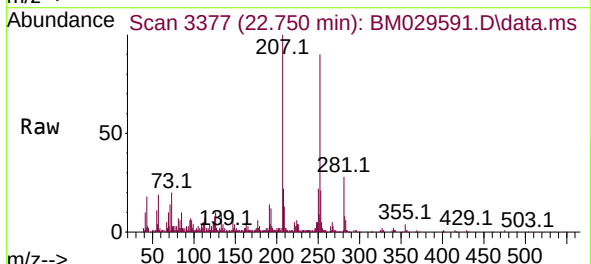
Instrument :
BNA_M
ClientSampled :
WC-1

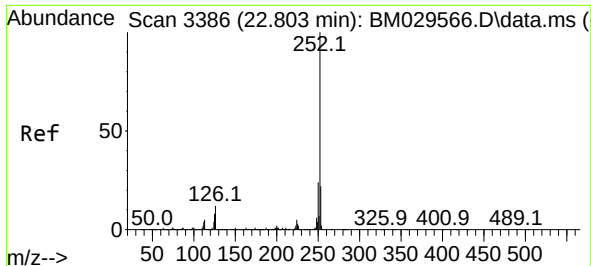
Tgt Ion:264 Resp: 628733
Ion Ratio Lower Upper
264 100
260 23.6 19.8 29.8
265 22.6 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 3.73 ng
RT: 22.750 min Scan# 3377
Delta R.T. -0.006 min
Lab File: BM029591.D
Acq: 22 Apr 2021 06:18

Tgt Ion:252 Resp: 153078
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 9.2 6.8 10.2

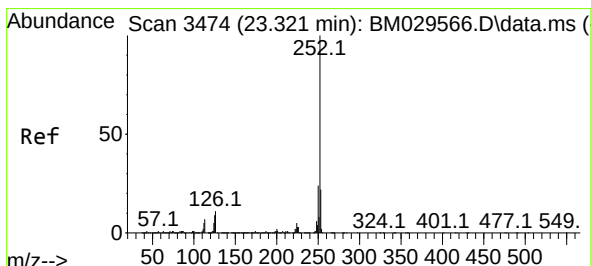
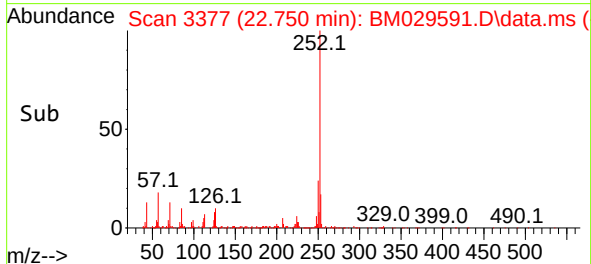
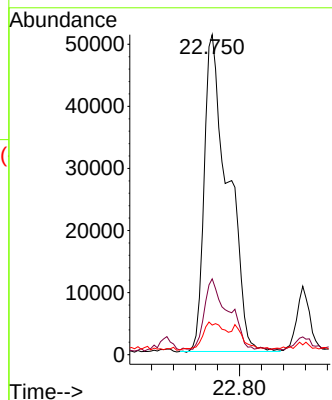
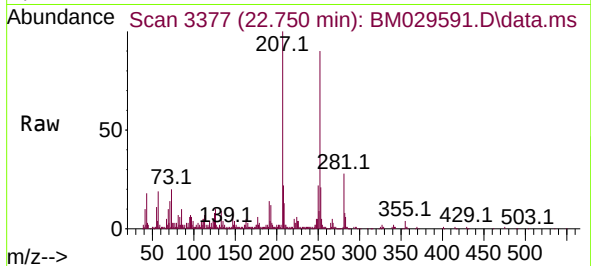




#89
Benzo(k)fluoranthene
Concen: 3.73 ng
RT: 22.750 min Scan# 3377
Delta R.T. -0.053 min
Lab File: BM029591.D
Acq: 22 Apr 2021 06:18

Instrument :
BNA_M
ClientSampleId :
WC-1

Tgt Ion:252 Resp: 153078
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.2
125 9.2 6.2 9.2#



#90
Benzo(a)pyrene
Concen: 2.10 ng
RT: 23.309 min Scan# 3472
Delta R.T. -0.012 min
Lab File: BM029591.D
Acq: 22 Apr 2021 06:18

Tgt Ion:252 Resp: 80929
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 11.9 7.3 10.9#

